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TITLE: DATA COMMUNICATION TERMINAL  
EQUIPMENT AND RETRANSMISSION  
TIMER CONTROL METHOD

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ABSTRACT:

PURPOSE: To perform a retransmission processing by using an optimum timeout value by dynamically changing the reception confirmation waiting time-out value of a terminal equipment.

CONSTITUTION: The timer value within a static retransmission timer 105 is copied in a dynamic retransmission timer 106 and dynamic retransmission time is used as a reception confirmation frame waiting time-out value. When the reception confirmation frame for the transmission frame of the first time is received, frame transmission time is taken out from the

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transmission time  
storage area 101 of each frame, the time is reduced from  
reception time and  
response time is determined. If the time is smaller than  
the past response  
time minimum value, the time is stored in a response time  
minimum value storage  
area 102 and the dynamic retransmission time-out value of  
the timer 106 is  
updated by a retransmission timer control part 108. A  
reception confirmation  
frame waiting timer 109 is restarted, a retransmission flag  
110 is turned on, a  
response time maximum value storage area 103 is used and  
the timer 106 is  
updated.

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